# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

THE COMMISSIONER OF PATENTS AND TRADEMARKS

- wasnington, D.C. 20231									
In re the application of: For: Filed: Application No.: Art Unit:	Roger T. Simpson METHOD TO REDUCE NOISE OF A CAM PHASER BY CONTROLLING THE POSITION OF CENTER MOUNTED SPOOL VALVE August 19, 2003								
Attorney Docket No.:	BW-DKT01115A								
	INFORMATION DISCLOSURE STATEMENT								
List of S	List of Sections Forming Part of This Information Disclosure Statement								
The following sections are be	eing submitted for this information Disclosure Statement								
1. [X] Preliminary Statemen	nts								
2. [X] FORM PTO - 1449	(Modified)								
3. Statement As To Info	ormation Material To Examination Not Found in Patents or Publications								
4. Identification of Prior Application In Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted.									
5. Cumulative patents or	Publications								
6. [] Copies of Listed Information Items Accompanying This Statement									
7. Concise Explanation of	of Non-English Language Listed Information Items.								
8. Translation(s) of Non-	-English Language Documents								
9. Certification under M	PEP 609(e)								
10. [X] Identification of Pers	on(s) Making This Information Disclosure Statement								
CERTIFICATE OF MAILING									
I hereby certify that this c	Date: 8 - 19 - 03  correspondence is being deposited with the United States Postal Service, return receipt d to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on this date.								

#### Section 1. Preliminary statements

Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.56(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

### Section 2. Form PTO - 1449 (Modified) (SEE ATTACHMENT)

- \*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance or not considered. Include a copy of this form with the next communication to applicant.
- Section 3. Statement As To Information Material For Examination Not Found in Patents or Publications (Information not listed in PTO 1449)
- Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and For Which No Copies Are Submitted Or Need Be Submitted

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Section 5. Cumulative Patents or Publications	
Item(s) are cumulative of the following patents or publication	listed on Form PTO 1449 (modified):
In accordance with 37 CFR 1.98(c) a copy of is being	submitted with this information disclosure statement.
Section 6. Copies of Listed Information Items Accompan	ying This Statement
Legible copies of all items listed accompany this information	statement.
Exception(s) to above:	
☐ Items in prior application from which an earlier filidentified in Section 4. ☐ Cumulative patents or publications identified in Section 5.	
Section 7. Concise Explanation of Non-English Languag	e Listed Information Items
Section 8. Translation(s) of Non-English Language Docu	ments
☐ Submitted herewith is an English translation of the publications or information or of those portions of the considered to be material:  ☐ No English language translations of the foreign la parts thereof are readily available, except for those lis ☐ The following foreign language documents submi	ose patents, publications or information  nguage patents, publications or information or ited above.

herewith. Section 9. Certification under Rule 1.97 The undersigned hereby certifies that: a. This Statement is being filed after the latest of (1) three months after the filing date of a national application; (2) three months after the date of entry of the national stage as set forth in w 1.491 in an international application; (3) the mailing date of a first Office action on the merits. b. The fee set forth in §1.17(p) Is being paid with this Information Disclosure Statement Is not due because: (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement, or (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the statement. Section 10. IDENTIFICATION OF PERSON(S) MAKING THIS INFORMATION DISCLOSURE STATEMENT The person making this statement is (a) the inventor(s) who signs below (b) [X] the attorney who signs below on the basis of: the information supplied by the inventor(s) an individual associated with the filing and prosecution of this application (37 CFR 1.56(c)). [X] the information in the attorney's file 8/19/2003 Frank F. Tian, Registration No.: 46,462 **BROWN & MICHAELS, PC** 

substantial equivalent of the English language documents identified below, which are also submitted

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# Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)

FORM PTO-1449 U.S. DEPT. OF COMMERCE	ATTY DOCKET NO.	SERIAL NO.
(Modified) PATENT AND TRADEMARK OFFICE	BW-DKT01115A	
	APPLICANT	·
	Roger T. Simpson	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE	GROUP
	08/19/2003	

### **U.S. PATENT DOCUMENTS**

Exam Initial	,	DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR
	AA	5,002,023	03/26/91	Butterfield et al	123	90.15	
	AB	5,107,804	04/28/92	Becker et al	123	90.17	
	AC	5,172,659	12/22/92	Butterfield et al.	123	90.17	
	AD	5,184,578	02/09/93	Quinn, Jr. et al	123	90.17	
	AE	5,289,805	03/01/94	Quinn, Jr. et al.	123	90.17	
	AF	5,361,735	11/08/94	Butterfield et al.	123	90.17	
	AG	5,497,738	03/12/96	Siemon et al.	123	90.17	
	AH	5,657,725	08/19/97	Butterfield et al.	123	90.17	
	AI	6,247,434	06/19/2001	Simpson et al	123	90.17	
	AJ	6,250,265	06/26/2001	Simpson, R.	123	90.17	
	AK	6,263,846	07/24/2001	Simpson et al	123	90.17	
	AL	6,311,655	11/06/2001	Simpson et al	123	90.17	
	AM	6,374,787	04/23/2002	Simpson et al.	123	90.17	

### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES   NO
			,			

#### OTHER PRIOR ART

Exam Initial	Author, Title, Da	te, Pertinent Pages, Etc	
EXAMIN	ER	DATE CONSIDERED	